Electrical Safety: Avoiding Shock and Electrocution

What this Toolbox Talk Covers:

- √ The "Dos" and "Don'ts" for preventing shock and electrocution on a construction site. Discussion Notes:
 - ✓ Discuss the outcomes of the "Dos" and "Don'ts."

Do

- Inspect tools and cords for damage before use.
- Use ground-fault circuit interrupters (GFCIs) on all temporary power sources to shut off electricity if an imbalance in the electrical current is detected.
- Follow lockout/tagout procedures before working on electrical systems.
- Maintain safe distances from overhead power lines.
- Wear appropriate personal protective equipment (PPE), including insulated gloves and footwear.
- Report hazards immediately to supervisors.

Meeting notes:

- **Don't** Use damaged cords or tools.
 - Overload circuits or outlets.
 - Bypass safety devices like circuit breakers.
 - Work with electricity in wet conditions.
 - Assume the power is off—always test before touching.
 - Work near electricity without proper training.
 - Use metal ladders near electrical sources; use fiberglass instead.

Employee comments/concerns: Other safety issues to be addressed on the job/facility:

| Training record: | Date: | Jobsite/Facility: Title: | |
|------------------|---------------|-----------------------------|---------------|
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(Continue recording signatures on a separate sheet of paper)

Employee Quiz is provided on last page. Answers are: 1. (d), 2. (b), 3. (b), 4. (c), 5. (b)



Employee Quiz Avoiding Shock and Electrocution

Employee Name:

| Circle the correct answer below. | ı |
|---|--|
| 1. Before using a power tool, you sa. Assume it's safe b. Plug it in and test it c. Share it with a coworker d. Inspect it for damage | electricity? a. Metal b. Wooden c. Fiberglass d. Aluminum |
| 2. What device prevents electrocu when using temporary power? a. Extension cord b. GFCI c. Surge protector d. Power strip | 5. It is safe to work in wet conditions around electricity if you are not wearing any loose clothing. a. True b. False |
| 3. What should you do before work an electrical system?a. Unplug itb. Lockout/tagoutc. Flip the switchd. Wear gloves | king on |
| Training record: Date: Trainer: | Jobsite/Facility: Title: |
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